

Play:	3406	Phosphoria Stratigraphic	
Province:	34	Big Horn Basin	
Geologist:	Fox, J.E., and Dolton, G.L.		Status: confirmed

Play Attributes:	<u>Probability of Occurrence</u>
Charge	1.00
Reservoir rock	1.00
Traps	1.00
Play Probability	1.00

Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Median	3 MMBO	BCFG
F5 of Largest Accumulation	25 MMBO	BCFG
TSP Shape Factor	4	
Mean (calculated)	4.5 MMBO	BCFG

Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	2	0
Median	4	0
Maximum	6	0
Mean (calculated)	4.0	0.0

Play: 3406 Phosphoria Stratigraphic

Province: 34 Big Horn Basin

Geologist: Fox, J.E., and Dolton, G.L.

Status: confirmed

Ratio of Associated-Dissolved Gas to Oil: 731 CFG/bbl

Ratio of NGL to Non-Associated Gas: bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: 34 bbl/MMCF

API Gravity (degrees):	<u>minimum</u>	<u>mean</u>	<u>maximum</u>
	28.0	30.0	33.0

Depth of Oil Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	5,000	9,000	12,000

Depth of N-A Gas Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
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Status: confirmed

Oil (MMBO)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
1.20	2.00	6.50	11.70	18.60	32.30	43.30	18.10	10.40

NGL (MMBNGL)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.03	0.05	0.16	0.29	0.46	0.80	1.08	0.40	0.26

Associated-Dissolved Gas (BCFG)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.88	1.46	4.75	8.55	13.60	23.61	31.65	13.20	7.60

Non-Associated Gas (BCFG)

[illegible]